

007-68936

SECRET**PRIORITY**

10 DEC 69 23 42Z

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P 102322Z DEC 69
 FM NPIC WASHDC
 TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB
 RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB
 RUCILBA/100TH SRW OL 19 MCCOY AFB FLA
 RUWMDA/100TH SRW DAVIS MONTHAN AFB ARIZ
 RUWMDA/12 SAD DAVIS MONTHAN AFB ARIZ
 RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
 RUEAIIA/CIA WASH DC
 RUCRJCS/DIA
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
 RUEFHQA/HQS USAF
 BT

S E C R E T CITE NPIC 7576.

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR
 DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR
 AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.
 SUBJECT: EVALUATION OF OLD HEAD MISSION G-106
 FLOWN 1 DEC 69

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THE MISSION

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IS GOOD; HOWEVER, THE BEST QUALITY IS NOT EQUIVALENT TO THE
 BEST OF MISSION G-104. IMAGE MOTION DEGRADATION, ATTRIBUTED
 VEHICLE VIBRATION IS APPARENT AT MAGNIFICATIONS OF 25X AND
 GREATER. THE INTERPRETATION SUITABILITY IS GOOD AND EQUAL TO
 THE BEST PROVIDED BY THIS SYSTEM. THIS RATING IS DUE IN PART
 TO THE PREDOMINANCE OF CLOUD FREE PHOTOGRAPHY. CLOUDS AND
 HAZE OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

- A. G-106, 1 DECEMBER 1969
- B. I-2, 8011
- C. A/C NUM: 339
- D. STEREO
- E. T/O: 1130Z
C/O: 1357Z
- F. 3404, W-23A
- G. DUAL GAMMA VISCOUS CHEMISTRY
- H. AVG. GAMMA: 1.73

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: ADEQUATE
- B. DENSITY AND CONTRAST:

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
2	CABLE SEC.	
	PP&B/AD	
	SECUR.	
39	TSSG/AFSD	L
	PSG/OC	
	FORRD	
	REPRO	
	AID	
	IEG	
	PROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
	PGM	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
	CMK	25X1

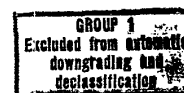
ADVANCE CY
 SANITIZED
 WITH TEXT

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THE DENSITY AND CONTRAST ARE MEDIUM.

C. IMAGED DEGRADATIONS: BANDING, PERPENDICULAR TO THE
 MAJOR AXIS OF THE FILM IS PRESENT THROUGHOUT THE MISSION.
 AN EQUIPMENT SHADOWGRAPH (FOG PATTERN) WHICH EXTENDS ACROSS
 THE WIDTH OF THE FORMAT AND IS APPROXIMATELY 1.5 INCHES WIDE,

**SECRET**

IS PRESENT 22 INCHES FROM THE SUPPLY END OF ALL FWD AND AFT
FRAMES-IT IS MORE PROMINENT ON THE AFT FRAMES. THE DENSITY
OF THIS FOG PATTERN GRADUALLY INCREASES TOWARD THE SCAN
DIRECTION AND SOME DEGRADATION TO THE IMAGERY IS APPARENT.
A PLUS DENSITY BAND OF FOG, ONE-EIGHTH INCH WIDE, PERPENDICULAR
TO THE MAJOR AXIS OF THE FILM, IS PRESENT 6.25 INCHES FROM
THE TAKE-UP END OF ALL
AFT FRAMES. A SIMILAR PLUS DENSITY BAND OF FOG IS PRESENT
3.2 INCHES FROM THE TAKE-UP END OF ALL FWD FRAMES. FOG
PATTERNS, ASSOCIATED WITH CAMERA START-UP/SHUT-DOWN, ARE
PRESENT ON FRAMES 1308, 1309 AND 1317 THROUGH 1325.
ADDITIONAL FOG IS PRESENT ON FRAMES 1317 THROUGH 1325 WHICH
EVIDENTLY WAS INDUCED AFTER CAMERA EXPOSURE BUT PRIOR TO PROCESSING.
D. PHYSICAL DEGRADATIONS: SEVERAL FINE EMULSION SCRATCHES,
PARALLEL TO THE MAJOR AXIS OF THE FILM, ARE PRESENT THROUGHOUT

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THE MISSION. FIVE HEAT SPLICES AND TWO MANUFACTURER'S SPLICES
ARE PRESENT IN THE FILM.
E. DATA RECORDING EQUIPMENT: ALL DATA RECORDING EQUIPMENT
FUNCTIONED PROPERLY.
F. OTHER: THE LAST COUNTER NUMBER IS 1332. THE LAST TITLED
FRAME IS 1325. A BIAS OF 7 EXISTED THROUGHOUT THE MISSION.
4. POSITIVES: ADEQUATE FOR EXPLOITATION PURPOSES.

GP-1
S E C R E T

--END OF MESSAGE--